

THE LEPIDOPTERA OF BROKEN HILL, NEW SOUTH WALES.  
PART III.

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[Read October 11, 1917.]

Family XYLORYCTIDAE.

This family is disappointingly represented here, and most of the species are somewhat scarce and difficult to rear on account of the ravages of the *Ichneumonidae*, during the larval stage. Mr. Meyrick when revising this family conjectured the opinion that they would probably occur more freely in the drier districts of the State. This district, however, does not appear to be a favourable locality.

447. MAROGA UNIPUNCTANA, Don.

Five specimens, October and November. I have bred a specimen from larva feeding on stem of *Fusanus acuminatus* (*Santalaceae*).

448. CRYPTOPHAGA BLACKBURNII, Low.

Four specimens, September to November. The type, a female, was taken at Port Lincoln, S. Austr. Dr. Turner re-named this species *neomorpha* (Ann. Queens. Mus., p. 13, 1897), but his description of the hindwings is not quite accurate; in the male they are dark fuscous, and in the female greyish-white. His types were from Charters Towers, Queensland.

449. CRYPTOPHAGA DELOCENTRA, Meyr.

Nine specimens, both sexes, from October to November. Bred from *Eucalyptus rostrata*.

450. XYLORYCTA AMALOPTIS, Low.

One specimen, type, in February.

451. XYLORYCTA CITRINOPA, Low.

One specimen, type, in November.

452. XYLORYCTA TETRAZONA, Low.

One specimen, in November. The type came from Stawell, Victoria. I have it also from Norwood and Oodnadatta, S. Austr.

453. XYLORYCTA MELANIAS, Low.

Several specimens, October to November.

454. *XYLORYCTA PHILONYMPHA*, Low.  
Several specimens, September and October.

455. *XYLORYCTA PENTACHROA*, Low.  
One specimen, in December.

456. *XYLORYCTA HOMOLEUCA*, Low.  
Four specimens, October and November.

457. *LICHENAULA DROSIAS*, Low.  
Not uncommon, October and November.

458. *LICHENAULA CHORIODES*, Meyr.  
Four specimens, May.

459. *LICHENAULA LICHENAEA*, Meyr.  
Not uncommon, March and April.

460. *SCIEROPEPLA SERINA*, Meyr.  
Taken occasionally, April.

461. *SCIEROPEPLA MEGADELPHA*, Low.  
Taken occasionally, August to November.

462. *PROCOMETIS HETEROGAMA*, Low.  
Not uncommon, at light, October.

463. *PROCOMETIS TETRASPORA*, Low.  
Two specimens, March.

464. *HYPERTRICHA EPHELOTA*, Meyr.  
Not uncommon, frequenting trunks of *Eucalyptus* trees,  
also at light, April, May, and June.

465. *HYPERTRICHA STENADELPHA*, Low.  
One specimen, type, March.

466. *AGRIOPHARA CAPNODES*, Meyr.  
Not uncommon, May.

467. *AGRIOPHARA TEPHROPTERA*, Low.  
One specimen, type, in December.

468. *AGRIOPHARA CONFERTELLA*, Wlk.  
Three specimens, November.

## Family GELECHIADAE.

This family is well represented here, no less than 20 genera out of the 55 known from Australia being present. All this family come freely to light, and most of those mentioned herein have been so captured.

469. *EPIPHTHORA CHIONOCEPHALA*, Low.

Not uncommon, September, October, and April.

470. *DORYCNOPE ORTHODESMA*, Low.

Nine specimens, October.

471. *DORYCNOPE MARMOREA*, Low.

Rather scarce, September and October.

472. *DORYCNOPE HELIOCHARIS*, Low.

Two specimens, December.

473. *MEGACRASPEDUS ARGONOTA*, Low.

A rare species, two specimens, October.

474. *MEGACRASPEDUS SAGITTIFERA*, Low.

Very scarce here, two specimens, September.

475. *MEGACRASPEDUS ACHROA*, Low.

Common, at light, September to November.

476. *SITOTRIGA CEREALELLA*, Ol.

An introduced species. "Common in corn bins" (Meyrick). Rare here, October.

477. *ARISTOTELIA PELTOSEMA*, Low.

Not uncommon, October and November.

478. *THIOTRICA BULLATA*, Meyr.

One specimen, type, in May.

479. *EPITHECTIS MESOLEUCA*, Low.

Three specimens, March.

480. *ANACAMPSIS SIMPLICELLA*, Wlk.

Rather common, October and November.

481. *GELECHIA DESMANTHES*, Low.

Not uncommon, October and November.

482. *GELECHIA PYCNODA*, Low.

Rather common, June to November.

483. *GELECHIA ANTHOCHRA*, Low.

Three specimens, October.

484. *GELECHIA DICTYOMORPHA*, Low.

Taken occasionally, October and November.

485. *GELECHIA MELANOPTILA*, Low.

Rather common, beaten from *Solanum esuriale*, March, April.

486. *STEGASTA ALLACTIS*, Meyr.

Three specimens, probably referable to this species, taken in October and November.

487. *STEGASTA COSMODES*, Low.

Rather common, September to November.

488. *PHTHORIMAEA OPERCULELLA*, Zeller.

Common, taken almost throughout the year, excepting perhaps July and August. The larvae feed on tubers of potato.

489. *GNORIMOSCHEMA BUCOLICA*, Meyr.

Common, October to December, and April and May.

490. *GNORIMOSCHEMA XEROPHYLLA*, Meyr.

Common, September to November.

491. *GNORIMOSCHEMA HELIOPA*, Low.

Taken occasionally, August to October.

492. *GNORIMOSCHEMA LEUCOCEPHALA*, Low.

Nine specimens, October to January.

493. *GNORIMOSCHEMA PETRINODES*, Meyr.

Not uncommon, March and April.

494. *GNORIMOSCHEMA PERDITA*, Low.

Not uncommon, August to October.

495. *EPIBRONTIS HEMICHLAENA*, Low.

Common, September and October. Widely distributed throughout Australia.

496. EPIMIMASTIS PORPHYROLOMA, Low.  
A single specimen, from Menindie, October.

497. SPHALERACTIS PLATYLEUCA, Low.  
Two specimens, October.

498. PROTOLECHIA DESMATRA, Low.  
A scarce species, four specimens, October.

499. PROTOLECHIA EXARISTA, Meyr.  
Taken occasionally, October.

500. PROTOLECHIA LITHINA, Low.  
Not uncommon, October and November. Bred from larvae feeding on spun-up shoots of *Dodonaea lobulata*.

501. PROTOLECHIA AVERSELLA, Wlk.  
Taken occasionally, September.

502. PROTOLECHIA MESOCHRA, Low.  
Two specimens, October.

503. PROTOLECHIA HAEMASPILA, Low.  
Common, August to November, and in March. Somewhat variable but easily recognised.

504. PROTOLECHIA TRIDECTA, Low.  
Taken occasionally, September to November.

505. CROCANTHUS MICRADELPHA, Low.  
One specimen, October.

506. ANARSIA TRICHODETA, Meyr.  
Three specimens, October.

507. ANARSIA DRYINOPA, Low.  
Two specimens, October.

508. ANARSIA LEUCOPHORA, Meyr.  
One specimen, type, in October.

509. NOTHRIS CHLORANTHES, Low.  
Not uncommon, September to November.

510. NOTHRIS TETRACHROA, Low.  
Common, October and November.

511. *NOTHRIS OCHROLOMA*, Low.  
Common, August to October.

512. *NOTHRIS MACROSEMUS*, Low.  
Tolerably common, October and November.

513. *NOTHRIS TRICHOMBRA*, Low.  
The commonest of the genus, October.

514. *NOTHRIS CYCNOBATHRA*, Low.  
Nine specimens, October.

515. *YPSOLOPHUS MELICHOUS*, Meyr.

Rather scarce, taken in October. I gave this species the M.S. name of *melichrous*, but as it was never published by me, Mr. Meyrick becomes the author.

516. *YPSOLOPHUS HOLOMELAS*, Low.  
The type, taken in June, is still unique.

Family TINEIDAE.

517. *XYSMATODOMA ZONARCHA*, Meyr.  
Five specimens, February.

518. *SCARDIA INCONCISELLA*, Wlk.  
Taken occasionally, September, November, January.

519. *BLABOPHANES MELIORELLA*, Wlk.  
Not uncommon, September to March.

520. *BLABOPHANES ARGILLACEA*, Meyr.  
Not uncommon, October and November.

521. *BLABOPHANES ETHELELLA*, Newm.  
Not uncommon, September to December.

522. *BLABOPHANES FERRUGINELLA*, Hüb.  
Not uncommon, September to June.

523. *TINEA PELLIONELLA*, Linn.  
Not uncommon, November and December.

524. *TINEA FUSCIPUNCTELLA*, Haw.  
Rather common, September to March.

525. *TINEA GRANELLA*, Linn.

Taken occasionally, October and November.

526. *TINEA TAPETIELLA*, Linn.

Four specimens, November.

527. *CHRYSORYCTIS PURELLA*, Wlk.

Two specimens, March.

528. *CHRYSORYCTIS TALANTIAS*, Meyr.

Taken occasionally, October and November.

529. *CHRYSORYCTIS HEMINEPHELA*, Low.

One specimen, type, in November.

530. *TINEOLA BISELLIELLA*, Hübn.

Not uncommon, November to March.

531. *DASCIA SAGITTIFERA*, Meyr.

Four specimens, taken at "Horse Lake" in March.

532. *ZELLERIA CYNETICA*, Meyr.

Four specimens, probably referable to this species, taken in March.

533. *LINDERA TESSELLATELLA*, Blanch.

Rather common, taken from August to March. This is a semi-domesticated species of wide distribution. It stands in most Australian collections at *Eucraera calcularis*, Meyr., but Mr. Meyrick informs me that his name was never published.

## Subfamily PLUTELLIDAE.

534. *LITHOCOLLETIS DESMOCHRYSIA*, Low.

Bred from *Hardenbergia ovata*, in March.

535. *CONOPOMORPHA IRRORATA*, Turn.

Five specimens, March.

536. *GRACILARIA XANTHOPHARELLA*, Meyr.

Two specimens, December.

537. *HOMADAULA COSCINOPA*, Low.

Taken occasionally, March.

538. *HOMADAULA MYRIOSPILA*, Meyr.

Two specimens, probably referable to this species.

539. *HOMADAULA LASIOCHROA*, Low.

Not uncommon, October, January, and March.

540. *CHOREUTIS BJERKANDRELLA*, Thnb.

Common, August to March.

541. *PLUTELLA MACULIPENNIS*, Curt.

Very common, September to March. Commonly known *cruciferarum*, Zeller.

542. *PLUTELLA SERA*, Meyr.

Not uncommon, February and March.

#### Family ELACHISTIDAE.

This family appears to be poorly represented here, even the commoner species being absent. Most of those enumerated were discovered by myself.

543. *CORYTHANGELA PUDICA*, Low.

Nine specimens, at light, April.

544. *CORYTHANGELA OCHRONEURA*, Low.

Two specimens, March. The type came from Semaphore, S. Austr.

545. *BATRACHEDRA ARENOSELLA*, Wlk.

Taken occasionally, March.

546. *BATRACHEDRA CAPNOSPILA*, Low.

Five specimens, October.

547. *BATRACHEDRA HOLOGRAMMA*, Low.

Taken occasionally, September and October.

548. *BATRACHEDRA CRYPSINEURA*, Low.

Taken occasionally, March and October.

549. *BATRACHEDRA ZONOCYRA*, Low.

One specimen, type, January.

550. *BATRACHEDRA STENOSEMA*, Low.

Two specimens, April.

551. *BATRACHEDRA HYPOLEUCA*, Low.

Three specimens, January.



552. *BATRACHEDRA* (?) *LYGROPIS*, Low.  
Two specimens, April.

553. *BATRACHEDRA* *STERILIS*, Meyr.  
Five specimens, October.

554. *STATHMOPODA* *MELANOCHRA*, Meyr.  
Taken occasionally, October.

555. *STATHMOPODA* *CROCOPHANES*, Meyr.  
Not uncommon, October and April.

556. *AEOLOSCELIS* *ORTHOCHROA*, Low.  
Not uncommon, October.

557. *PYRODERCES* *SENTICA*, Low.  
Nine specimens, October.

558. *PYRODERCES* *THERMOPHILA*, Low.  
Five specimens, March.

559. *OPSZYGA* *EUGRAMMA*, Low.  
Taken occasionally, November.

560. *LIMNOECIA* *XANTHODELTA*, Low.  
Three specimens, November.

561. *SYNTOMACTIS* *OXYPTERA*, Low.  
Taken occasionally, October.

562. *SYNTOMACTIS* *XENONYMPHA*, Low.  
Not uncommon, April and October.

563. *SYNTOMACTIS* *CHIONOMERA*, Low.  
Rather common, October.

564. *TRACHYDORA* *CAPNOPA*, Low.  
Three specimens, March and April.

This concludes the list for the present. In my next instalment I will enumerate those species which I have omitted or taken since the paper was commenced, and describe any new material which I possess, together with the few *Rhopalocera* taken here.